

# Notice of Allowability

Application No.

10/026,935

Applicant(s)

SULLIVAN ET AL.

Examiner

Kevin K. Xu

Art Unit

2628

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 1/18/07.
2. ☒ The allowed claim(s) is/are 92-111 and 113-159.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

- |                                                                                                            |                                                                                       |
|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)                                           | 5. <input type="checkbox"/> Notice of Informal Patent Application                     |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|                                                                                                            | 9. <input type="checkbox"/> Other _____                                               |

## DETAILED ACTION

### *Examiner's amendment*

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Abe Kasden (Reg. Number 32997) on March 13<sup>th</sup> 2007.

In the claim 92

Line 9, after "Addr= Nb/p \* (x +Nx \*y +Nx \*z); " delete 'and'

Line 11, after "buffer," insert '**and displaying the three-dimensional image data**'

In the claim 93

Line 9, after "Addr = Nb/p \* (r\*cosine (theta) + Nr\*y)\*r sine (theta));" delete 'and'

Line 11, after "buffer" insert '**and displaying the three-dimensional image data**'

In the claim 96

Line 13, after "pixel;" delete 'and'

Line 15, after "display" insert '**and displaying the three-dimensional image data**'

In the claim 97

Line 13, delete 'and'

Line 15, after "display" insert '**and displaying the three-dimensional image data**'

In the claim 98

Line 13, delete 'and'

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Line 15, after "display" insert **'and displaying the three-dimensional image data'**

In the claim 102

Line 13, delete **'and'**

Line 15, after "display" insert **'and displaying the three-dimensional image data'**

Cancel claim 112

***Allowable Subject Matter***

Claims 92-93, 96-98 and 102-130 are allowed.

The following is an examiner's statement of reasons for allowance:

Claims 92-93 are similar in scope to previously allowed claims 94-95. Thus, claims 92-93 are allowed based on reasons stated from Examiner Tam Tran's preceding office action.

Claims 96-97 are similar in scope to previously allowed claim 99. Thus, claims 96-97 are allowed based on reasons stated from Examiner Tam Tran's preceding office action.

Claim 98 is similar in scope to previously allowed claims 100-101. Thus, claim 98 is allowed based on reasons stated from Examiner Tam Tran's preceding office action.

Claim 102 is similar in scope to previously allowed claim 131. Thus, claim 102 is allowed based on reasons stated from Examiner Tam Tran's preceding office action.

Claims 103-111 and 113-129 are dependent on independent claim 102 and thus, are also allowable.

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Claims 94-95, 99-101, 131-159 are also allowable. See Examiner Tam Tran's previous office action for reasons for allowance of said claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin K. Xu whose telephone number is 571-272-7747. The examiner can normally be reached on 8:30AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark Zimmerman can be reached on 571-272-7653. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

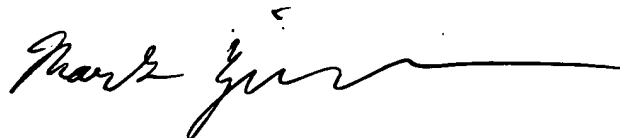
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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

KX

Kevin Xu

3/13/07

A handwritten signature in black ink, appearing to read "Mark Zimmerman", with a long horizontal flourish extending to the right.

MARK ZIMMERMAN  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600